



<117> LIPPS, BINIE V.
LIPPS, FREDERICK W.

<120> SYNTHETIC PEPTIDE FOR NEUROLOGICAL DISORDERS

<130> FWLPAT013US

<140> US 09/613,355

<141> 2000-07-11

<150>
<151>

<160> 4

<170> WORDPERFECT 5.1 FOR WINDOWS

<210> 1
<211> 116

<212> PRT
<213> NAJA NAJA

<220>
<221>
<222>
<223> ISOLATE FROM VENOM

<400> 1

Glu Asp His Pro Val His Asn Leu Gly Glu
5 10
His Pro Val Cys Asx Ser Thr Asx Thr Trp
15 20
Val Gly Val Lys Thr Thr Ala Thr Asn Ile
25 30
Lys Gly Ala Ser Val Ser Val Met Glu Asn
35 40
Val Asn Leu Asp Asn Lys Val Tyr Lys Gln
45 50
Tyr Phe Phe Glu Thr Lys Cys Arg Asx Ser
55 60
Asx Pro Pro Glx Pro Gly Cys Lys Gly Ile
65 70
Asx Thr Glx His Trp Asx Ser Tyr Cys Thr
75 80

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Thr | Ser | Asn | Ser | Phe | Ile | Lys | Ala | Leu | Thr | |
| | | | | 85 | | | | | 90 | |
| Met | Asx | Glx | Gly | Gln | Ser | Ala | Trp | Arg | Phe | |
| | | | | 95 | | | | | 100 | |
| Ile | Arg | Ile | Glx | Thr | Ala | Cys | Val | Cys | Val | |
| | | | | 105 | | | | | 110 | |
| Ile | Thr | Lys | Lys | Gly | Asn | | | | | |
| | | | | 115 | | | | | | |

<210> 2
<211> 15

<212> PRT
<213> Artificial Sequence

<220>
<221>
<222>
<223> Synthesized. Similar to fragment 7-21 of 1 above.

<400> 2
Asn Leu Gly Glu His Pro Val Cys Asp Ser Thr Asp Thr Trp Val
5 10 15

<210> 3
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<221>
<222>
<223> Synthesized. Similar to fragment 7-16 of 1 above.

<400> 3
Asn Leu Gly Glu His Pro Val Cys Asp Ser
5 10

<210> 4
<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221>

<222>

<223>

Synthesized. Corresponds to fragment 7-11 of 1 above.

<400> 4

Asn Leu Gly Glu His
5